The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/536, 664 A			
Source:	PCT			
Date Processed by STIC:	04/11/2006			
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ENTERED

PCT

DATE: 04/11/2006

TIME: 12:39:59

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                     Output Set: N:\CRF4\04112006\J536664A.raw
      3 <110> APPLICANT: Imperial College Innovations
      5 <120> TITLE OF INVENTION: Control of Apoptosis
      7 <130> FILE REFERENCE: 20050701.ORI
      9 <140> CURRENT APPLICATION NUMBER: US/10/536,664A
    10 <141> CURRENT FILING DATE: 2005-05-27
    12 <160> NUMBER OF SEQ ID NOS: 19
    14 <170> SOFTWARE: Patent In version 3.1
    16 <210> SEQ ID NO: 1
    17 <211> LENGTH: 36
    18 <212% TYPE: PRT
    19 <213> ORGANISM: Artificial Sequence
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    22 <223> OTHER INFORMATION: Derivative of SAP18
    24 <220> FEATURE:
    25 <221> NAME/KEY: MISC FEATURE
    26 <222> LOCATION: (1)..(3)
    27 <223> OTHER INFORMATION: Xaa amino acids are either all Ala or they are all Asp
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                                            10
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                    20
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    40
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    44 <211> LENGTH: 32
    45 <212> TYPE: PRT
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    48 <220> FEATURE:
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    51 <220> FEATURE:
    52 <221> NAME/KEY: MISC FEATURE
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    57 <400> SEQUENCE: 2
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    68 <211> LENGTH: 10
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/536,664A

DATE: 04/11/2006

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PATENT APPLICATION: US/10/536,664A
                                                             TIME: 12:39:59
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                     Output Set: N:\CRF4\04112006\J536664A.raw
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    73 <223> OTHER INFORMATION: Synthetic peptide based on SV40 T-antigen nuclear
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    74
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    78 Asp Asp Pro Lys Lys Lys Arg Lys Val
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    83 <211> LENGTH: 16
     84 <212> TYPE: PRT
     85 <213> ORGANISM: Artificial Sequence
     87 <220> FEATURE:
     88 <223> OTHER INFORMATION: Synthetic peptide based on Drosophila Antennapedia
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    89
             penetratin
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                                                                               120
     127 ceceegttgc ttttcctctg ggaaggatgg cgcacgctgg gagaacgggg tacgacaacc
                                                                               180
     129 gggagatagt gatgaagtac atccattata agctgtcgca gaggggctac gagtgggatg
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     131 cgggagatgt gggcgccgcg cccccggggg ccgccccqc accgqqcatc ttctcctccc
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     133 agecegggea caegeeceat ceageegeat eeegegaeee ggtegeeagg acetegeege
                                                                               360
     135 tgcagacccc ggctgccccc ggcgccgccg cggggcctgc gctcagcccg gtgccacctg
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     137 tggtccacct ggccctccgc caagccggcg acgacttctc ccgccgctac cgcggcgact
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     139 tegeegagat gteeageeag etgeacetga egeeetteae egegegggga egetttgeea
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     141 cggtggtgga ggagctcttc agggacgggg tgaactgggg gaggattgtg gccttctttg
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     143 agtteggtgg ggteatgtgt gtggagageg teaaceggga gatgtegeee etggtggaca
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     145 acategeect gtggatgaet gagtaeetga aceggeaect geaeacetgg atecaggata
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     147 acggaggetg ggtaggtgca tetggtgatg tgagtetggg etgaggecae aggteegaga
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     149 tegggggttg gagtgegggt gggeteetgg geaatgggag getgtggage eggegaaata
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RAW SEQUENCE LISTING

DATE: 04/11/2006 PATENT APPLICATION: US/10/536,664A TIME: 12:39:59

Input Set : N:\DA\PTO.DA.txt

Output Set: N:\CRF4\04112006\J536664A.raw

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164	taaccgggag	atagtgatga	agtacatcca	ttataagctg	tcgcagaggg	gctacgagtg	120
166	ggatgcggga	gatgtgggcg	ccgcgccccc	gggggccgcc	cccgcgccgg	gcatcttctc	180
168	ctcgcagccc	gggcacacgc	cccatacagc	cgcatcccgg	gacccggtcg	ccaggacctc	240
170	gccgctgcag	accccggctg	ccccggcgc	cgccgcgggg	cctgcgctca	gcccggtgcc	300
172	acctgtggtc	cacctgaccc	tccgccaggc	cggcgacgac	ttctcccgcc	gctaccgccg	360
174	cgacttcgcc	gagatgtcca	ggcagctgca	cctgacgccc	ttcaccgcgc	ggggacgctt	420
176	tgccacggtg	gtggaggagc	tcttcaggga	cggggtgaac	tgggggagga	ttgtggcctt	480
			tgtgtgtgga				540
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			cctttgtgga				660
			tgaagactct				720
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			tagaaataat				840
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			cagtcttcag				960
			tttacattat				1020
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			gtgcctgtaa				1140
			acggatggaa				1200
			gagaaggtgt				1260
			gggttcctgt				1320
			actcacatga				1380
			cccactgaga				1440
			agtattttt				1500
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216	tggaacttga	ggaagtgaac	atttcggtga	cttccgcatc	aggaaggcta	gagttaccca	1680
			tgcctgcttt				1740
220	tgtcccagct	tggaggcctg	gtcctggaac	tgagccgggg	ccctcactgg	cctcctccag	1800
			tggtctccga				1860
224	cactgtcaag	aaagagcagt	agaggggtgt	ggctgggcct	gtcaccctgg	ggccctccag	1920
			agcatgggag				1980
			cctgggccct				2040
			ccacggccca				2100
			gagtttaaag				2160
		_	gaagtgaggt				2220
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			tatgggggtt				2340
			aagaagtaac				2400
			agtttagaat				2460
			ccatttatct	_			2520
			tttcgaaagc				2580
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DATE: 04/11/2006 PATENT APPLICATION: US/10/536,664A TIME: 12:39:59

Input Set : N:\DA\PTO.DA.txt

Output Set: N:\CRF4\04112006\J536664A.raw

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252	agccctgagt	ctcagctacc	taagaaaaac	ctggatgtca	ctggccactg	aggagctttg	2760
254	tttcaaccaa	gtcatgtgca	tttccacgtc	aacagaattg	tttattgtga	cagttatatc	2820
256	tgttgtccct	ttgaccttgt	ttcttgaagg	tttcctcgtc	cctgggcaat	tccgcattta	2880
258	attcatggta	ttcaggatta	catgcatgtt	tggttaaacc	catgagattc	attcagttaa	2940
260	aaatccagat	ggcaaatgac	cagcagattc	aaatctatgg	tggtttgacc	tttagagagt	3000
262	tgctttacgt	ggcctgtttc	aacacagacc	cacccagagc	cctcctgccc	tectteegeg	3060
264	ggggctttct	catggctgtc	cttcagggtc	ttcctgaaat	gcagtggtgc	ttacgctcca	3120
266	ccaagaaagc	aggaaacctg	tggtatgaag	ccagacctcc	ccggcgggcc	tcagggaaca	3180
268	gaatgatcag	acctttgaat	gattctaatt	tttaagcaaa	atattattt	atgaaaggtt	3240
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274	aagtaacaat	gaagaacgtg	gacgctttta	atataaagcc	tgttttgtct	tctgttgttg	3420
276	ttcaaacggg	attcacagag	tatttgaaaa	atgtatatat	attaagaggt	cacgggggct	3480
278	aattgctggc	tggctgcctt	ttgctgtggg	gttttgttac	ctggttttaa	taacagtaaa	3540
		ctcttggccc					3600
		gcattttcct					3660
		agtcattttt					3720
		cagagaacca					3780 ¹
		tatgaatgaa					3840
		aaatagagta					3900
		agaagaacat					3960
		agagaggcca					4020
		gcaggggcag					4080
		cacctcaatt					4140
		tgttcagatg					4200
		ctaaagatgt					4260
		ttataataat					4320
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		taaggcagtg					4500
		tatcagagaa					4560
		gttgaaattc					4620
		acacactttt					4680
		tttattgtta					4740
		ggacatttgt					4800
		ttggatcagg					4860
		ttggggtcga					4920
		gtttgtggta					4980
		tggcagtgca					5040
	-	tgtgcagttt					5100
		ttctaaatgt	_	_	_		5160
		ctgaattgga		_		_	5220
		tgtctttgga					5280
		aaaatcagat					5340
		acttcaagca					5400
		gatgggaaca		_		_	5460
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DATE: 04/11/2006 PATENT APPLICATION: US/10/536,664A TIME: 12:39:59

Input Set : N:\DA\PTO.DA.txt

Output Set: N:\CRF4\04112006\J536664A.raw

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350	gttttgttta	ttataccttc	ttaagttttc	aaccaaggtt	tgcttttgtt	ttgagttact	5700
352	ggggttattt	ttgttttaaa	taaaaataag	tgtacaataa	gtgtttttgt	attgaaagct	5760
354	tttgttatca	agattttcat	acttttacct	tccatggctc	tttttaagat	tgatactttt	5820
356	aagaggtggc	tgatattctg	caacactgta	cacataaaaa	atacggtaag	gatactttac	5880
358	atggttaagg	taaagtaagt	ctccagttgg	ccaccattag	ctataatggc	actttgtttg	5940
360	tgttgttgga	aaaagtcaca	ttgccattaa	actttccttg	tctgtctagt	taatattgtg	6000
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383	ttctctgtgg	cgcagtgcca	gctgatgaag	acggagcggc	cccggcccaa	caccttcatc	420
			cactgtcatc				480
			cgccatccag				540
			gtcgggctca				600
			caagcaccgc				660
			cggcaaggtg				720
			caagaaggaa				780
			cctgcagaac				840
			ccgcctctgc				900
			ggaacgtgtg				960
			ggactacctg				1020
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			ggacggtgcc				1140
			ggaggacaat				1200
			gatgatgtgc				1260
			cctcatggag				1320
			agggctgctc				1380
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			aggcggcggt				1680
			tgatctgtat				1740
			tcgagcccag				1800
			agggaagaaa				1860
			gcctcagccc				1920
			gcgcaatgtg				1980
			ccagccgccc			_	2040
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/11/2006 PATENT APPLICATION: US/10/536,664A

TIME: 12:40:00

Input Set : N:\DA\PTO.DA.txt

Output Set: N:\CRF4\04112006\J536664A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2 Seq#:2; Xaa Pos. 1,

Seq#:5; Xaa Pos. 14

VERIFICATION SUMMARY

DATE: 04/11/2006 PATENT APPLICATION: US/10/536,664A TIME: 12:40:00

Input Set : N:\DA\PTO.DA.txt

Output Set: N:\CRF4\04112006\J536664A.raw

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